

HISTORIC AMERICAN ENGINEERING RECORD

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HAER  
ALA  
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PRATTVILLE MANUFACTURING COMPANY, NUMBER ONE  
(Prattville Cotton Mills and Banking Company)  
(Autauga Cotton Mills)  
(Clark-Pratt Cotton Mills)  
(Hesslein and Company, Bradford Cotton Mills)  
(Prattville Cotton Mill)  
(Gurney Manufacturing Company)  
242 South Court Street  
Prattville  
Autauga County  
Alabama

HAER No. AL-183

Jet Lowe, Photographer, Summer 1998

- AL-183-1      FACING NORTHEAST FROM DAM, MILL NO. 1 (RIGHT), MILL NO. 2 (LEFT),  
BOILER STACK AND GATE CRANKS TO LEFT.
- AL-183-2      VIEW FROM DAM OF MILL NO. 1 ON LEFT WITH CONNECTING WALKWAY  
TO 1859 BRICK PICKER HOUSE AT CENTER, LOOKING EAST.
- AL-183-3      VIEW OF CONTINENTAL EAGLE GIN CO. ACROSS CREEK, TAKEN FROM  
DAM, LOOKING SOUTH. FROM RIGHT TO LEFT: CUPOLA TOWER ON 1854  
CONTINENTAL GIN CO., 1848, 1852, 1912 CONTINENTAL GIN CO. BUILDINGS.
- AL-183-4      FACING NORTHWEST; VIEW OF DAM FROM PARK WITH EAGLE  
CONTINENTAL GIN COMPANY AT BACK LEFT.
- AL-183-5      FACING NORTHWEST; VIEW OF DAM FROM ROAD BRIDGE. CONTINENTAL  
EAGLE GIN CO. ON LEFT, SOUTH GABLE OF GURNEY MILL ON RIGHT.
- AL-183-6      FACING NORTHWEST. EXTERIOR OF WHITE-PAINTED 1859 BRICK PICKER  
HOUSE WITH MILL NO. 1 IN BACKGROUND. PARK FOUNTAIN IN  
FOREGROUND WITH BUST OF DANIEL PRATT BY ARTIST TOMMY BROWN.
- AL-183-7      OVERVIEW OF 2<sup>ND</sup> FLOOR INTERIOR OF 1859 BRICK PICKER HOUSE  
ADJACENT TO MILL NO. 1. PICKER ROOM WAS RENOVATED IN 1960S AND  
BEYOND, OBSCURING ORIGINAL DETAILS. DOOR AT REAR LEADS TO  
WOODEN CONNECTING WALKWAY TO MILL NO. 1.
- AL-183-8      FACING NORTH, LOOKING UP TAILRACE TOWARD WATER POWER SOURCE.  
PENSTOCK RUNS LEFT TO RIGHT. HOOD OR IRON DRAINAGE TUBE FROM  
TURBINE WHEELS IN VIEW. CONDUIT VISIBLE UNDER PENSTOCK IS PART  
OF WASTE WATER DRAINAGE SYSTEM. MILL NO. 1 IS NEARER VIEWER;  
MILL NO. 2 IN BACKGROUND.

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- AL-183-9 FACING NORTH. WATER POWER PENSTOCK RUNS RIGHT TO LEFT, ONE OF TWO DRAFT TUBES AT LOWER RIGHT. TOWERS, BUILDING CROSSWALKS, AND MILL NO. 2 IN BACKGROUND; DAM GATES TO LEFT.
- AL-183-10 FACING SOUTH FROM WALKWAY OVER HEADRACE TOWARD TRASH GATES (BOTTOM) AND MILL NO. 1. NOTE GATE HOIST CRANKS ON LEFT, WHEELS ON RIGHT.
- AL-183-11 MILL NO. 2, BOILER HOUSE TO LEFT, FACING NORTH.
- AL-183-12 FACING NORTHWEST. DAM SKIRT/RETAINING WALL LOOKING TOWARD HEAD OF AUTAGA CREEK, TAKEN FROM 3<sup>RD</sup>-FLOOR WALKWAY BETWEEN MILL TOWERS.
- AL-183-13 FACING WEST FROM ATTIC LEVEL IN MILL NO. 1 TOWER, LOOKING TOWARD MILL NO. 2 WITH HOIST IN VIEW. NOTE LINTEL AND CORNICE DETAILING.
- AL-183-14 MILL NO. 1, STAIRCASE UNDER WATER TANK IN TOWER, WHICH LEADS DOWN TO ATTIC LEVEL. SUPPORT BEAM FOR TANK IS AT TOP OF PICTURE.
- AL-183-15 MILL NO. 1, WATER TANK SUPPORT AREA IN TOWER
- AL-183-16 ATTIC OF MILL NO. 1; NOTE ROOF TRUSSES.
- AL-183-17 ATTIC, MILL NO. 1, SHOWING WESTBROOK ELEVATOR MACHINERY AT SOUTH END.
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- AL-183-20 MILL NO. 1, 3<sup>RD</sup> FLOOR, AIR CLEANERS.
- AL-183-21 MILL NO. 1, 3<sup>RD</sup> FLOOR, FIRE DOOR.
- AL-183-22 MILL NO. 1, 2<sup>ND</sup> FLOOR. LIGHT TABLES AND KNITTING MACHINE. LIGHT TABLE USED TO CHECK FOR CLOTH DEFECTS.
- AL-183-23 KNITTING MACHINE, MILL NO. 1, 2<sup>ND</sup> FLOOR.

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- AL-183-24 OVERALL OF 1<sup>ST</sup> FLOOR OF MILL NO. 1. PALLETS HELD CLOTH IN STORAGE IN LATE 20<sup>TH</sup> CENTURY. IRON POSTS IN LEFT DISTANCE FRONTED CLOTH BINS. HISTORIAN LEEANN LANDS IN BACKGROUND WITH LIGHT.
- AL-183-25 PRIMARY POWER TRANSMISSION BELT HOLES IN 1<sup>ST</sup> FLOOR MILL NO. 1 CEILING. WATER-POWERED MACHINERY LOCATED IN BASEMENT RAN LEATHER BELTS THROUGH THESE HOLES. POWER WAS THEN TRANSMITTED TO SHAFTS AND PULLEYS TO RUN MACHINERY ON MILL FLOORS.
- AL-183-26 OVERALL SHOT OF BASEMENT, MILL NO. 1. ORIGINALLY MACHINE SHOP. PALLETS ON FLOOR ADDED IN LATE 20<sup>TH</sup> C. FOR CLOTH STORAGE.
- AL-183-27 DETAIL OF BASEMENT, MILL NO. 1 POWER ENTRY FILLED IN AREA WHERE WATER-POWERED SHAFTING ENTERS BUILDING. NOTE CONTROL WHEEL ON FLOOR AND BELT HOLES IN CEILING TO FIRST FLOOR.
- AL-183-28 PUMP/ENGINE ROOM OFF THE BASEMENT OF MILL NO. 1. ENGINE PLATFORM IS SEEN BEHIND PUMP. THIS AMERICAN MOISTURE CO. PUMP WAS USED TO HUMIDIFY UPPER FLOORS OF MILL. NOTE TANK TO LEFT, UNKNOWN USE. NOTHING IN THIS ROOM HAS BEEN USED SINCE 1945.
- AL-183-29 WORTHINGTON FIRE PUMP WITH TURBINE HIDDEN BEHIND. PUMP HOUSE IS LOCATED AT HEAD OF OLD TRASH GATES. PUMP ENTERS WATER ON EXTERIOR OF WALL IN FAR SIDE OF PHOTO.
- AL-183-30 VICTOR WATER TURBINE, STILWELL-BIERCE CO., DAYTON, OHIO. SIMILAR TURBINE TO LEFT (DOUBLE TURBINE SYSTEM), PHOTO TAKEN FROM PENSTOCK.
- AL-183-31 BUCKETS OF VICTOR WATER TURBINE, ALSO CALLED RUNNERS.
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- AL-183-35 MILL NO. 2, 2<sup>ND</sup> FLOOR, NOTE CREEL MACHINES IN DISTANCE.
- AL-183-36 MILL NO. 2, 2<sup>ND</sup> FLOOR, SEVERAL CREEL MACHINES.
- AL-183-37 MILL NO. 2, 2<sup>ND</sup> FLOOR, CLOSE SHOT OF 2 CREEL MACHINES, WHICH FEED YARN INTO KNITTING MACHINES.

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- AL-183-38     DETAIL OF CREEL MACHINE, MILL NO. 2, 2<sup>ND</sup> FLOOR; NOTE THREAD NUMBERS.
- AL-183-39     MILL NO. 2, 1<sup>ST</sup> FLOOR, TAKEN FROM NORTH END, FACING MILL NO. 1 AND ITS TOWER.
- AL-183-40     WINDOW DETAIL, 1ST FLOOR, 3<sup>RD</sup> WINDOW FROM NORTH END, MILL NO. 2.
- AL-183-41     STEAM ENGINE ROOM ON CREEK (WEST) SIDE OF MILL NO. 2. NOTE SEMICIRCULAR BELT HOLE (WINDOW?) AT FLOOR LEVEL. DOOR LEADS TO MILL NO. 2.
- AL-183-42     OVERALL OF 2<sup>ND</sup> FLOOR PICKER ROOM OFF MILL NO. 2. NOTE TRUSSWORK. SPACE TO RIGHT OF COLUMNS IS PART OF 1915 CLOTH ROOM ADDITION.
- AL-183-43     COTTON VACUUM, WHICH WAS USED TO MOVE COTTON INTO PICKER ROOM. 2<sup>ND</sup> FLOOR PICKER ROOM, MILL NO. 2.
- AL-183-44     DETAIL OF COTTON VACUUM.
- AL-183-45     1915 CLOTH ROOM ADJACENT TO PICKER ROOM, SECOND FLOOR, NORTH END OF MILL NO. 2, WALL ON LEFT DIVIDING CLOTH ROOM ADDED LATER (PROBABLY C. 1970S).
- AL-183-46     NORTH END OF MILL NO. 2, 1<sup>ST</sup> FLOOR, BELOW PICKER AND CLOTH ROOM AREA. FUNCTION OF THIS SPACE UNKNOWN AT PRESENT. NOTE THAT EYE BEAM REPLACES ORIGINAL WALL OF 1892 PICKER HOUSE. CENTER (OR LEFT) DOOR IS ENTRY TO MILL NO. 2. RIGHT DOOR IS ENTRY TO 1892 NAPPER ROOM.
- AL-183-47     NAPPER ROOM, WHERE CLOTH WAS WRAPPED. NORTHWEST CORNER OF MILL NO. 2, 1<sup>ST</sup> FLOOR.
- AL-183-48     BASEMENT OF MILL NO. 2 NEAR ORIGINAL STEAM ENGINE.
- AL-183-49     WORTHINGTON ENGINE AND AIR-COMPRESSOR SYSTEM FOR UPSTAIRS TEXTILE MACHINERY. THIS SYSTEM WAS REPLACED BY ONE ON THE EXTERIOR OF THE BUILDING AFTER 1945, BUT WAS NEVER REMOVED. LOCATED IN AIR COMPRESSOR ROOM BETWEEN MILL NO. 2 AND BOILER ROOM.

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- AL-183-50 HARTLEY BOILERS, DATE UNKNOWN. VIEW FROM BOILER ROOM  
ENTRANCE.
- AL-183-51 BOILER ROOM. SMALL BOILER ON LEFT OF UNKNOWN MANUFACTURE,  
WITH INDUCTION MOTORS. HARTLEY BOILER, MONTGOMERY, ALABAMA,  
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- AL-183-52 KEWANEE BOILER, MODEL FE-561-L. INSTALLED C. 1960 TO SUPPLEMENT  
THE HARTLEY BOILERS (SEE PREVIOUS PHOTOS 50 AND 51). LOCATED IN  
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